GUIDE



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# Our Story

Technistone was founded in 1991 and is one of Europe's largest producers of engineered stone. The company has branches and distributors in dozens of countries all over the world. In 2019 Technistone became part of the American corporation Wilsonart® Engineered Surfaces, a leading producer and distributor of materials for building interiors. Wilsonart® Engineered Surfaces are inspired by nature to transform spaces and give them the look you want — and the performance you need. The technical properties of engineered stone and Technistone's wide range of decors make our products ideal for use in kitchen and bathroom countertops, bartops, tiling, staircases, wall cladding, and more. Many designer projects, modern private residences, and commercial and industrial spaces have been fitted with engineered stone by Technistone.





## About the Product

High durability, ease of maintenance, and attractive appearance have made engineered stone the material of choice for an increasing number of consumers worldwide. Our stone slabs are manufactured using natural mineral materials and colored pigments that are bonded with polyester resin. In addition, we use recycled glass and mirror shards in some products. Vibration under vacuum during pressing and subsequent polishing helps to achieve the non-porosity, which distinguishes engeneered stone from natural stone and gives it greater resistance to staining. Natural mineral materials also provide higher scratch resistance.

Technistone's manufacturing process is subject to strict European standards that are applied to both raw material inputs and the final product. TechniStone® products are produced in large size slabs in several thicknesses, which have a wide range of applications in both the private and the commercial sectors.



# TechniStone® Material Use

Kitchen countertops

Kitchen wall cladding

Bars, dinner tables

Floor and stairs tiling

Bathroom vanity tops

Shower and bathtub cladding

Wall cladding

Fireplace cladding

Window sills

Wall decorations

Washbasins\*

Sinks\*

\*After consultation with the fabricator.







Easy Maintenance & Cleaning



Suitable for Food Contact



Natural Raw Materials



Long Lifetime & Durability



Highly Scratch Resistant



Highly Stain & Natural Acid Resistant



Waterproof



Highly Bacteria Resistant



# **Technical Information**

### Slab Dimensions

**Jumbo 155:** 3185 mm  $\times$  1550 mm = 4,94 m<sup>2</sup>

**Jumbo 160:** 3200 mm  $\times$  1600 mm = 5,12 m<sup>2</sup>

**Jumbo 165:** 3300 mm  $\times$  1650 mm = 5,45 m<sup>2</sup>

## Tiles Dimensions (only in 10 mm thickness)

300 mm × 300 mm

600 mm × 600 mm

300 mm × 600 mm

## Slabs thickness and weight

SLAB THICKNESS	WEIGHT 1 m <sup>2</sup>	WEIGHT OF THE SLAB
Jumbo 155 size: 12 mm	30 kg	147 kg
Jumbo 155 size: 20 mm	50 kg	245 kg
Jumbo 155 size: 30 mm	74 kg	367 kg
Jumbo 160 size: 20 mm	50 kg	254 kg
Jumbo 160 size: 30 mm	74 kg	381 kg
Jumbo 165 size: 20 mm	49 kg	268 kg
Jumbo 165 size: 30 mm	74 kg	402 kg



## Finishes











## UNIQUE DESIGNS Mistral White NEW 2025 Taj Mahal Gold NEW 2025 Badal Grey NEW 2025 Elysian Gold NEW 2025 Duna Beige NEW 2025 Morning Daisy Country Rose Wedding Lily Wild Yucca Calacatta Olympos Calacatta Volegno Calacatta Serchio Calacatta Pastino Crystal Calacatta Silva Romano Ricco Altamonte Mystery White Ambiente Light Verde Peak **Bronze Coast** Glencoe Imagine Grey Metropole Nero Residente Dark Pearl Delta

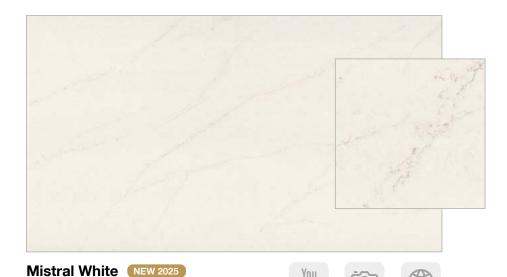
Crystal Absolute White	
Noble Areti Bianco	
Noble Supreme White	
Brilliant White	
Crystal Polar White	1
Crystal Nevada	
Crystal Diamond	
Brilliant Arabesco	
Noble Arco	
Noble Quartzite	
Noble Linea	
Noble Pro Frost	
Noble Vintage	
Elegance Eco Nev	
Starlight White	
Noble Villa	
Noble Carrara	
Noble Olympos Mist	
Noble Ivory White	
Noble Botticino	
Crystal Royal	
Harmonia Navajo	

## DARK DESIGNS Noble Portland Grey Noble Concrete Grey Noble Pro Cloud Noble Troya Gobi Urban Gobi Grey Noble Pro Storm Taurus Terazzo Grey Crystal Anthracite Pure Noble Pietra Grey Noble Athos Brown Noble Imperial Grey Gobi Black Crystal Belgium Taurus Black Taurus Terazzo Dark **Brilliant Black** Starlight Black Crystal Vulcano

# Color Range 2025









Video

Reference Website

Reference Website





Thickness

Finish

Size

Finish

Size

Thickness

Polished

Jumbo 155

20 mm, 30 mm

Polished, matt

20 mm, 30 mm

Jumbo 155



#### Badal Grey NEW 2025

Finish Polished
Size Jumbo 155
Thickness 20 mm, 30 mm



Reference



Website

Reference Website



#### Duna Beige NEW 2025

Finish Polished
Size Jumbo 155
Thickness 20 mm, 30 mm

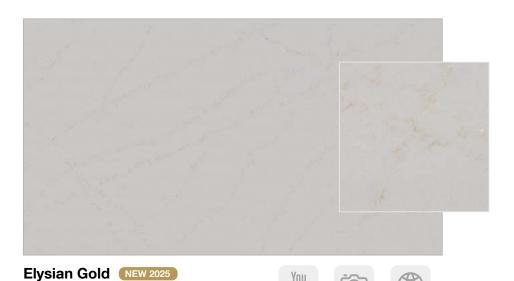


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Reference

nce Websi o deta







Polished

Jumbo 155

20 mm, 30 mm

Finish

Thickness

Size



#### **Morning Daisy**

Finish Polished, matt Size Jumbo 155 Thickness 20 mm, 30 mm











#### **Country Rose**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm



Reference Website



#### **Wedding Lily**

Finish Polished, matt Size Jumbo 155 Thickness 20 mm, 30 mm











#### Wild Yucca

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness





Reference Website







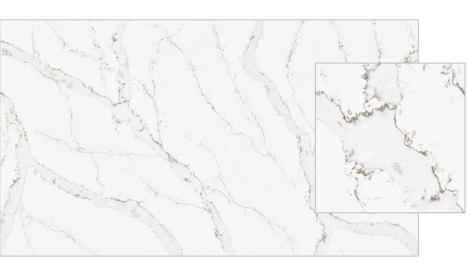
#### **Calacatta Olympos**

Finish Polished Size Jumbo 165 Thickness 20 mm, 30 mm









#### Calacatta Volegno

Finish Polished Size Jumbo 165 Thickness 20 mm, 30 mm







#### Calacatta Serchio

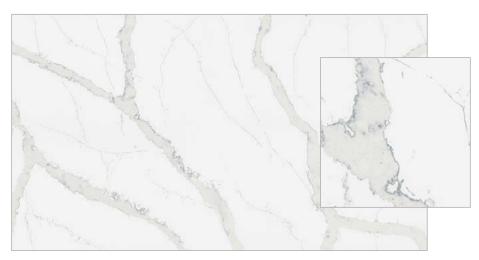
Finish Polished Size Jumbo 165 Thickness 20 mm, 30 mm







Reference



#### **Calacatta Pastino**

Finish Polished Size Jumbo 165 Thickness 20 mm, 30 mm





Reference Website



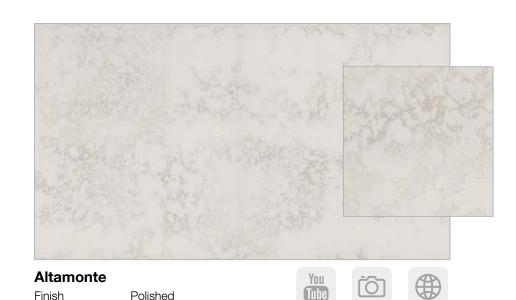




Reference

Reference Website





Size

Finish

Thickness

Size

Thickness

Jumbo 165

Polished

Jumbo 160

20 mm, 30 mm

20 mm, 30 mm



Reference

Reference Website

Finish

Size

Thickness

Finish

Thickness

Size

Polished

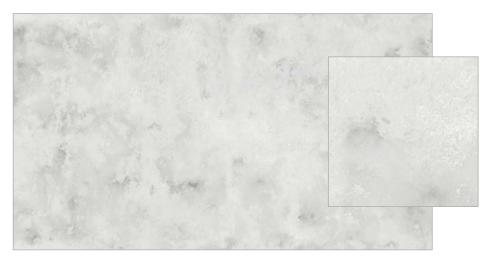
Polished

Jumbo 160

20 mm, 30 mm

Jumbo 160

20 mm, 30 mm



#### **Ambiente Light**

Finish Terra Size Jumbo 160 Thickness 20 mm, 30 mm







Reference



#### **Bronze Coast**

Finish Polished Size Jumbo 165 Thickness 20 mm, 30 mm







Reference



#### **Verde Peak**

Finish Polished Size Jumbo 165 20 mm, 30 mm Thickness



Reference Website



#### Glencoe

Finish Size Thickness

Polished Jumbo 165 20 mm, 30 mm





Reference Website







#### **Imagine Grey**

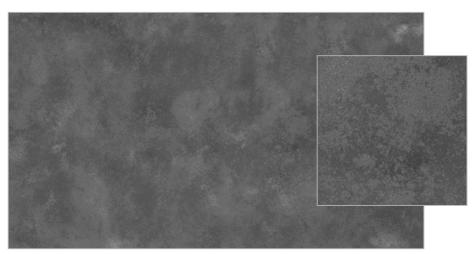
Finish Polished, matt Jumbo 160 Size Thickness 20 mm, 30 mm







Reference



#### **Residente Dark**

Finish Terra Size Jumbo 160 Thickness 20 mm







Reference

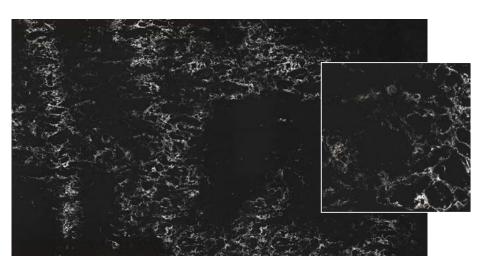


#### **Metropole Nero**

Finish Matt Size Jumbo 160 Thickness 20 mm



Reference Website



#### **Pearl Delta**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm Recycled materials 40%







Reference Website





#### **Crystal Absolute White**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm







#### **Noble Supreme White**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness









#### **Noble Areti Bianco**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness









#### **Brilliant White**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm

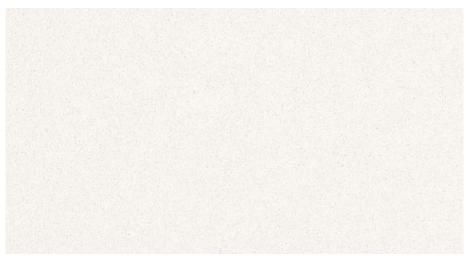
Recycled materials 30%











#### **Crystal Polar White**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm









#### **Crystal Diamond**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm









#### **Crystal Nevada**

Finish Polished Size Jumbo 155 Thickness 20 mm



Reference Website



#### **Brilliant Arabesco**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness

Recycled materials 30%











Video Reference Website





#### **Noble Arco**

Finish Polished, matt Size Jumbo 155 Thickness 20 mm, 30 mm











Polished Finish Size Jumbo 155 Thickness 20 mm, 30 mm









Reference Website



#### **Noble Quartzite**

Finish Polished, matt Size Jumbo 155 20 mm, 30 mm Thickness









#### **Noble Pro Frost**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness









Video Reference Website





#### **Noble Vintage**

Finish Polished, matt Size Jumbo 155 Thickness 12 mm, 20 mm, 30 mm





Reference Website



#### **Elegance Eco Nev**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm Recycled materials 30%





Reference Website





#### **Starlight White**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm

Recycled materials 40%



Reference Website





#### **Noble Carrara**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm







Reference Website



#### **Noble Villa**

Finish Polished, matt Size Jumbo 155 20 mm Thickness









#### **Noble Olympos Mist**

Finish Polished Size Jumbo 155 Thickness 20 mm







Video Reference Website





#### **Noble Ivory White**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm









#### **Crystal Royal**

Finish Polished Size Jumbo 155 Thickness 20 mm, 30 mm









#### **Noble Botticino**

Finish Polished Size Jumbo 155 Thickness 20 mm



Reference Website



#### Harmonia Navajo

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness



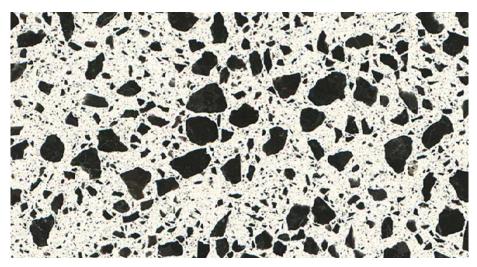






Video Reference Website





#### **Taurus Terazzo White**

Finish Polished, matt Size Jumbo 155 Thickness 12 mm, 20 mm Recycled materials 40%







Reference Website



#### **Noble Portland Grey**

Finish Polished, matt Size Jumbo 155 20 mm Thickness

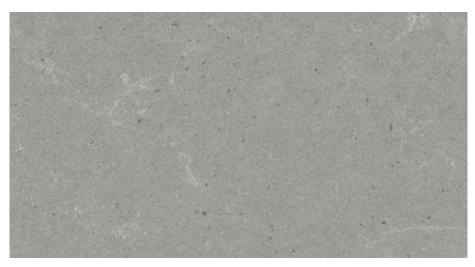












#### **Noble Concrete Grey**

Finish Polished, matt Size Jumbo 155 Thickness 12 mm, 20 mm, 30 mm







Reference



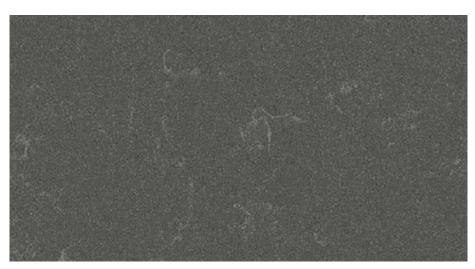
#### **Noble Troya**

Finish Polished Size Jumbo 155 Thickness 20 mm









#### **Noble Pro Cloud**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness









#### **Gobi Urban**

Finish Polished, matt Size Jumbo 155 20 mm, 30 mm Thickness



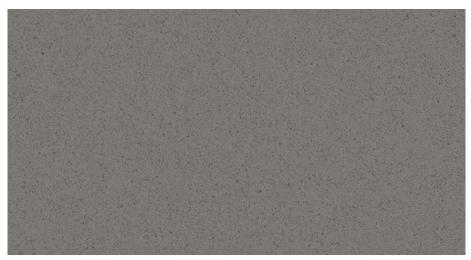












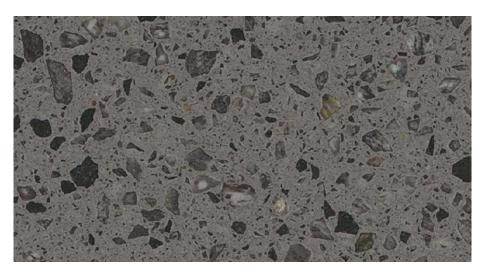
#### **Gobi Grey**

Finish Polished Size Jumbo 155 Thickness 20 mm







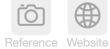


#### **Taurus Terazzo Grey**

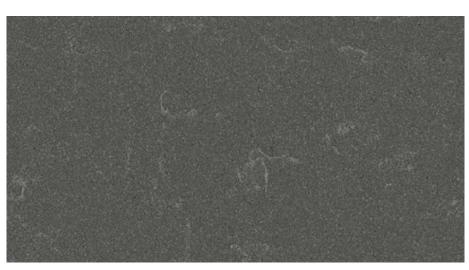
Finish Polished, matt Size Jumbo 155 20 mm Thickness











#### **Noble Pro Storm**

Finish Polished Size Jumbo 155 12 mm, 20 mm, 30 mm Thickness









#### **Crystal Anthracite Pure**

Polished Finish Size Jumbo 155 20 mm, 30 mm Thickness



Reference Website









#### **Noble Pietra Grey**

Finish Polished Jumbo 155 Size Thickness 20 mm, 30 mm









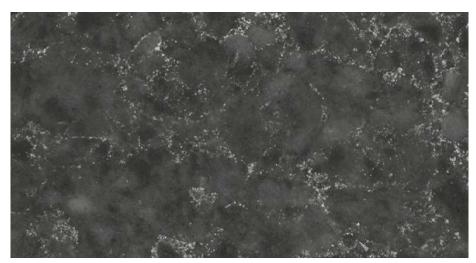
#### **Noble Athos Brown**

Polished Finish Size Jumbo 155 20 mm, 30 mm Thickness





Reference Website

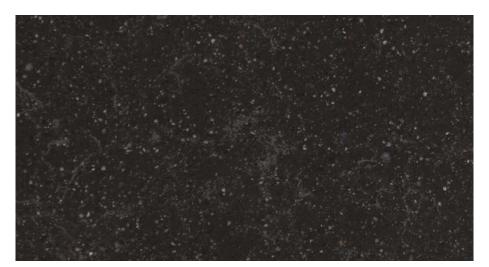


#### **Noble Imperial Grey**

Finish Polished Size Jumbo 155 Thickness 20 mm







#### **Crystal Belgium**

Finish Polished, matt Size Jumbo 155 Thickness 20 mm









Reference Website



#### **Gobi Black**

Finish Polished Jumbo 155 Size 20 mm, 30 mm Thickness Recycled materials 40%



Reference Website



#### **Taurus Black**

Finish Polished Size Jumbo 155 12 mm, 20 mm Thickness

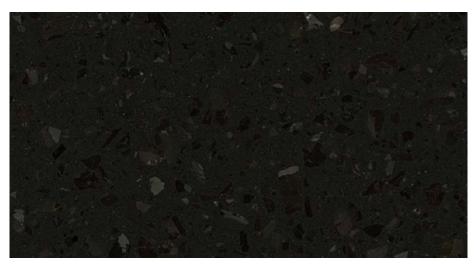
Recycled materials 50%





Reference Website





#### **Taurus Terazzo Dark**

Polished, matt Finish Size Jumbo 155 12 mm, 20 mm Thickness

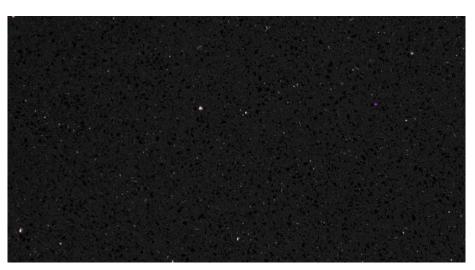
Recycled materials 60%







Reference Website



#### **Brilliant Black**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness Recycled materials 40%





Reference Website



#### **Starlight Black**

Finish Polished Size Jumbo 155

12 mm, 20 mm, 30 mm Thickness

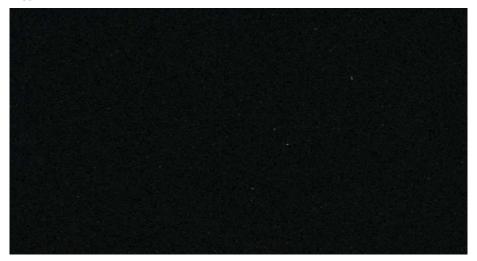
Recycled materials 70%

Tiles









#### **Crystal Vulcano**

Finish Polished Size Jumbo 155 20 mm, 30 mm Thickness









Video Reference Website

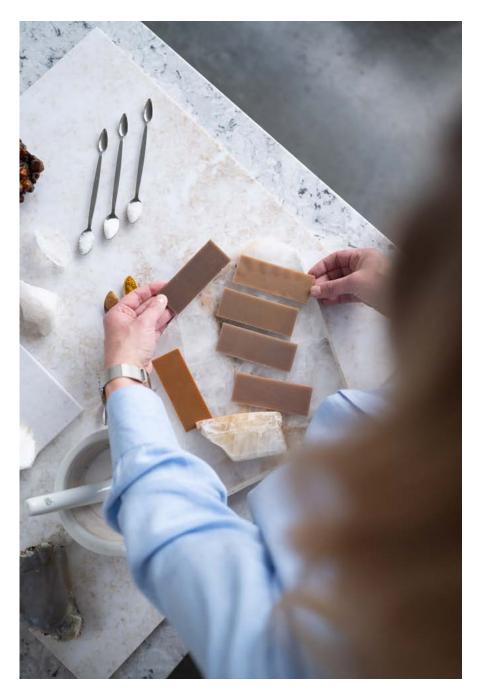




# R&D

Today, engineered stone is registering one of the most dynamic growth patterns of any material used in building interiors worldwide. This is due to its high utility and its many different decors, which reflect the latest design trends. Research and product development is mainly provided by our own capacities and the implementation of research activities is one of the most important long-term goals of Technistone.

Technistone produces approximately 80,000 m<sup>2</sup> of engineered stone every month, an area equivalent to eleven football pitches.





## Production

# Preparation of Raw Material Inputs

Raw materials used to produce TechniStone® are carefully inspected, graded and cleaned.

The resin is stored in tanks, the aggregate and silica sand are sieved and stored in silos, and the grit from natural mineral materials is kept in big bags.

Glass, mirrors and granite are crushed in machines, while vibrating screens and separators ensure that no unwanted material enters the production line.

#### Mixing and spreading

The raw materials go into mixing machines and are combined with blended resin.

The entire process is computer-controlled.

The prepared mixture is then poured into a rubber mold to create the TechniStone® slabs.

#### Pressing and kiln

The mixture is then pressed into a compact sheet using a vibrating press and a vacuum.

The slab, still in a soft state, is pushed into the kiln, where it is cured for the necessary time at a temperature of around 100°C.

#### Finishing

The slab is measured, calibrated to the required thickness, and then given its final finish.

The finished slab can be cut to almost any required size.



## Certification

A list of all products with corresponding certificates can be inspected in the Origin database. A product portfolio showing material characteristics and product certificates is also available in the NBS Source database.

The Health Product Declaration Collaborative Protocol examines the chemical substances in a product and compares them with lists of hazardous substances published by government and scientific institutions. TechniStone® does not contain any unauthorized chemicals.

Technistone's products have achieved UL's Greenguard Gold and SCS Global Services' Indoor Advantage certifications. That means they are free of any volatile organic compounds (VOCs) and do not emit any substances that can negatively influence the quality of the air indoors.

Many of Technistone's products contain more than a 20, 30, 40, and in some cases as much as a 70 percent share of recycled content.

TechniStone® complies with strict standards and procedures imposed by the National Sanitation Foundation and its products are safe for contact with food.









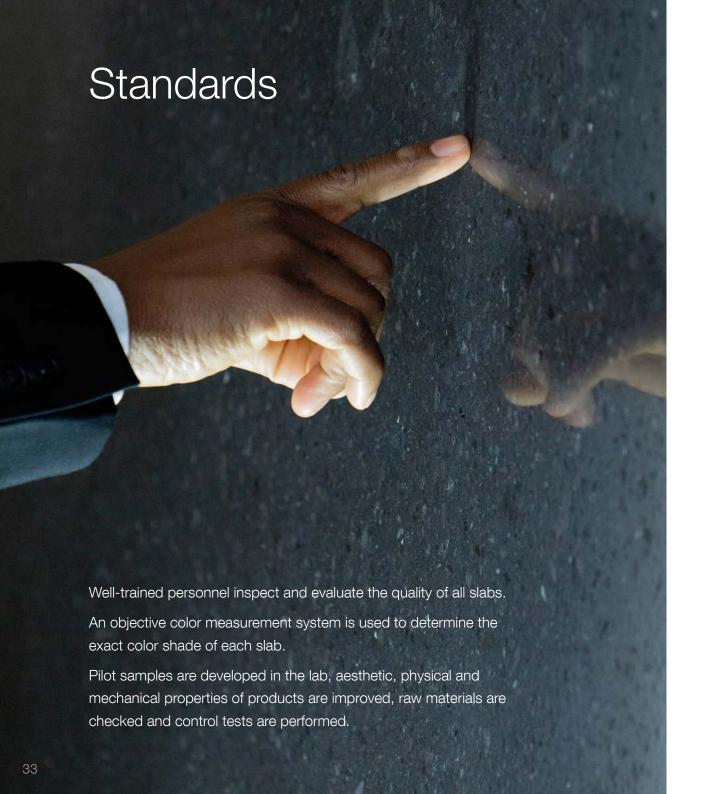












## Product Testing According to European Standards

EN 14617-1 (Density, Water absorption)

EN 14617-2 (Flexural strength)

EN 14617-4 (Abrasion)

EN 14617-5 (Freeze thaw resistance)

EN 14617-6 (Thermal Shock resistance)

EN 14617-09 (Impact resistance)

EN 14617-10 (Resistance to Chemicals)

EN 14617-11 (Thermal expansion coefficient)

EN 13501-1 (Flammability)

ČSN 725191 P CEN/TS 16165 (Slipperiness)

#### **American Testing Standards (ASTM)**

ASTM C97 (Absorption, Bulk Specific Gravity)

ASTM C99 (Modulus of Rupture)

ASTM C880 (Flexural strength (bending)

ASTM C1028 (Static Coefficient of Friction)

ASTM C650 (Resistance to Chemical Substances)

ASTM C1378 (Resistance to Staining)

ASTM C484 (Thermal Shock Resistance)

ASTM C648 (Breaking Strength)

ASTM C241 (Abrasion Resistance)

ASTM E84 (Flammability)

ASTM E228 (Thermal expansion coefficient)



# Warranty

Validity

Technistone offers a **ten-year** warranty on material used in an interior. This warranty does not cover material used in commercial premises, for which there is a five-year warranty.

**The five-year** warranty covers slabs installed in areas accessible to the public, beginning with the date of installation.

The Technistone company offers a **two-year** warranty on floor tiles.

The warranty must be activated by registering your TechniStone® product on the company's website under the section "Warranty".

The warranty starts the day that the fabricated slabs are installed by a licensed fabricator in the interior living space. Registration must be completed within 30 days of said installation.

The seller is obligated to provide and abide by the warranty information presented to the customer throughout the warranty period, in accordance with these warranty terms.

To process the claim and ensure quick quality service, contact the location where the original TechniStone® slab was purchased.

Provide quality photo documentation of the defects claimed.

During warranty service, the product must be available to the designated Technistone representative to perform a visual inspection and the customer must follow the representative's given instructions.

In the event that a slab replacement is decided, the processing, reinstallation, and associated costs will not be covered by the warranty issued by TechniStone®.

Technistone reserves the right, in agreement with the customer, to replace the defective slab with a new design in the current product offer, which is regularly updated due to development and market requirements.



# Maintenance and Cleaning

For proper maintenance it is very important to clean the material only with water or neutral detergents.

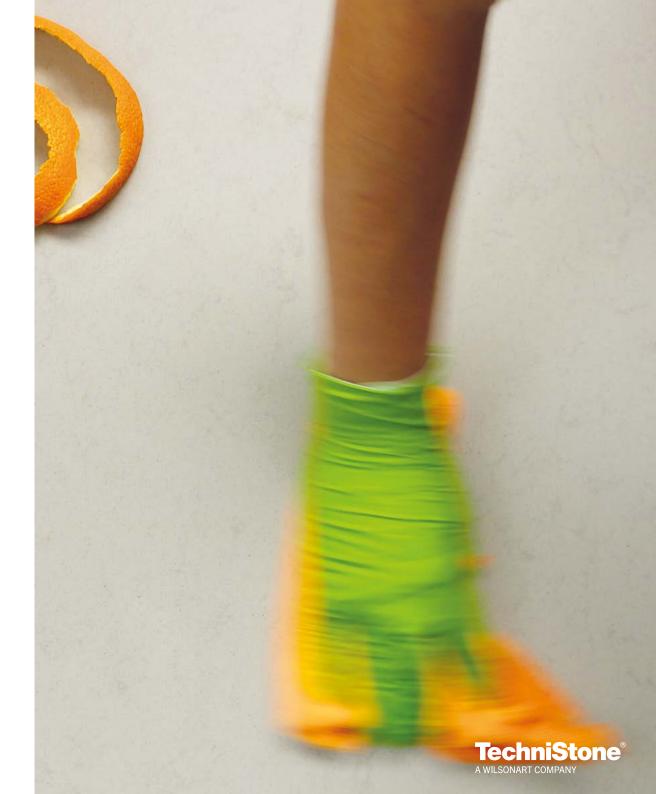
We recommend using a microfiber cloth to achieve a high surface gloss.

Cutting directly on the worktop is not recommended.

Prolonged exposure to aggressive cleaners may damage the surface of the product!

Insulating pads must be used under hot objects.





# Sustainability

Living in harmony with nature and not taking its beauty for granted. At Technistone, we do our best to preserve nature's resources while being as considerate as possible in our operations.

# 3 Results the Support sustainable development through the three magic Rs, REDUCE - RECYCLE - REUSE

By applying these mottos both in production and in our daily lives, we strive to help reduce material waste and preserve natural resources.

#### 1 REDUCE

We **reduce** waste, use resources prudently and reduce the side effects of resource extraction.

#### 2 RECYCLE

We recycle unused waste material.

#### 3 REUSE

TechniStone® product can be **reused** in different forms and variations, thus contributing to long-term sustainability. Thanks to the extraordinary properties given by the combination of nature and modern 21<sup>st</sup> century technology, the material can retain its beauty for many years.





# Environment and Sustainability Report

TechniStone





**Environment** and Sustainability Report

# TechniStone a WILSONART COMPANY

EVERLASTING BEAUTY, SUSTAINABLE VISION

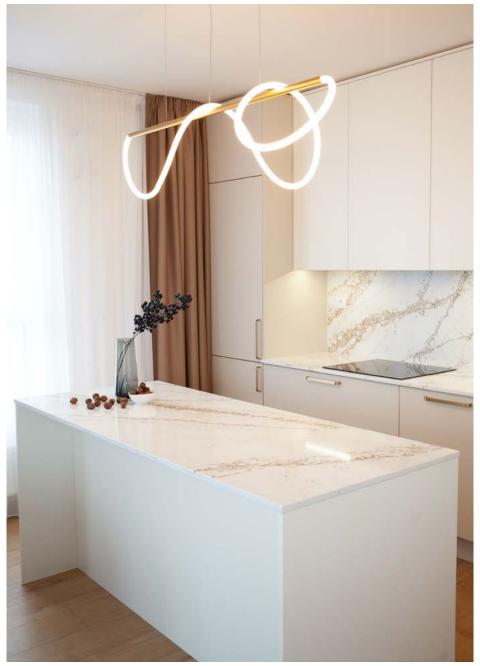


## References

















## One-Stop Information Hub for Professionals



**Architects & Designers** 



Online brochures



Magazine TechniZONE



PBR data



My TechniStone® program

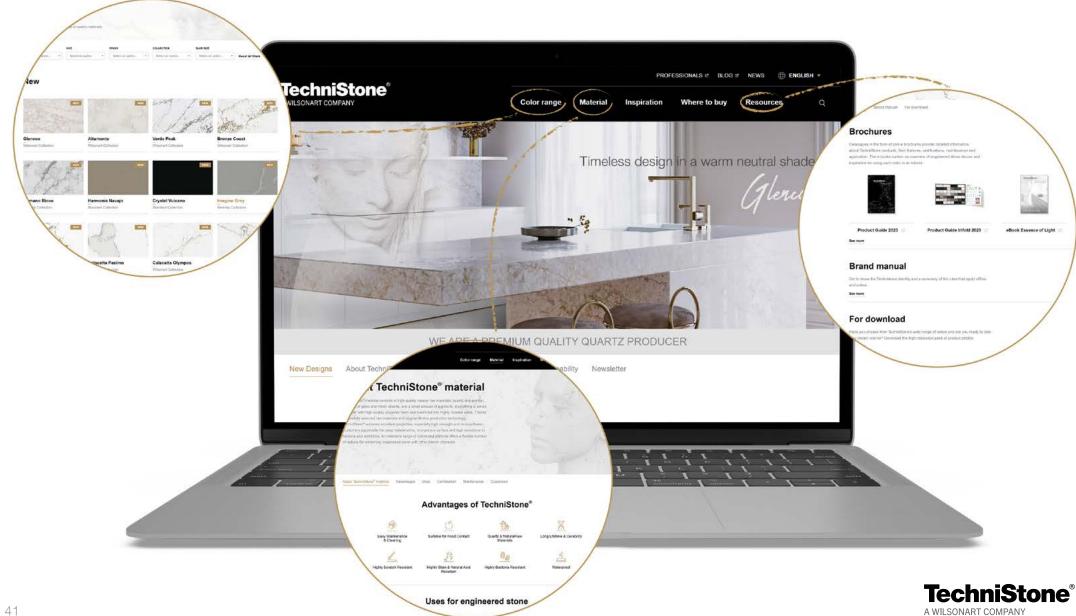


**Projects** 



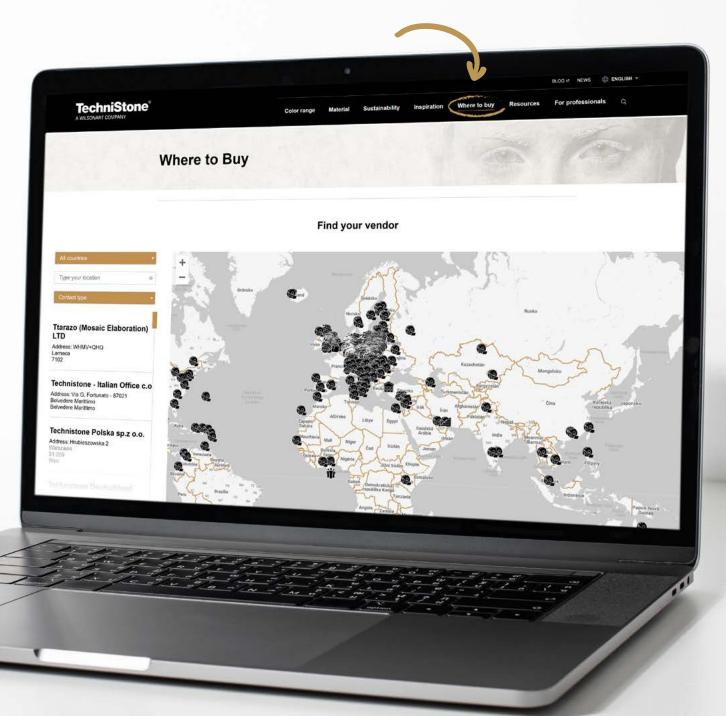
#### Website





Where to Buy





# Inspiration



Augmented reality

The reality of your home with new

TechniStone® designs and patterns

with the Technistone AR



<u>Videogallery</u>



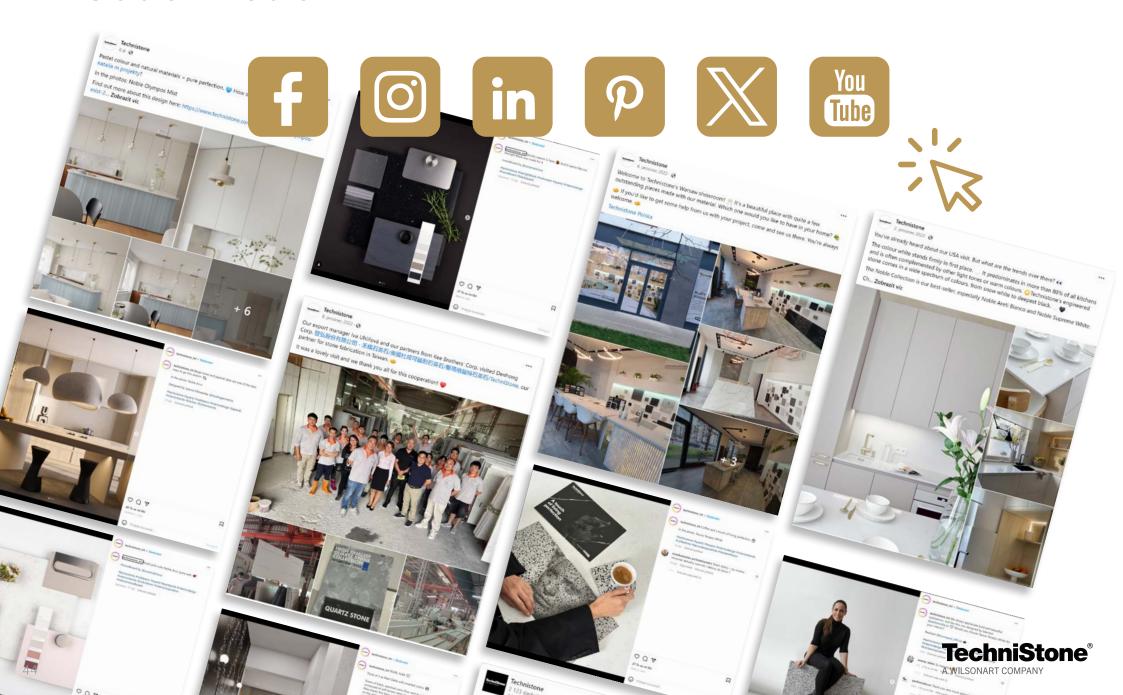
Technistone blog



**Ambassadors** 



## Social Media





#### Stone with Soul

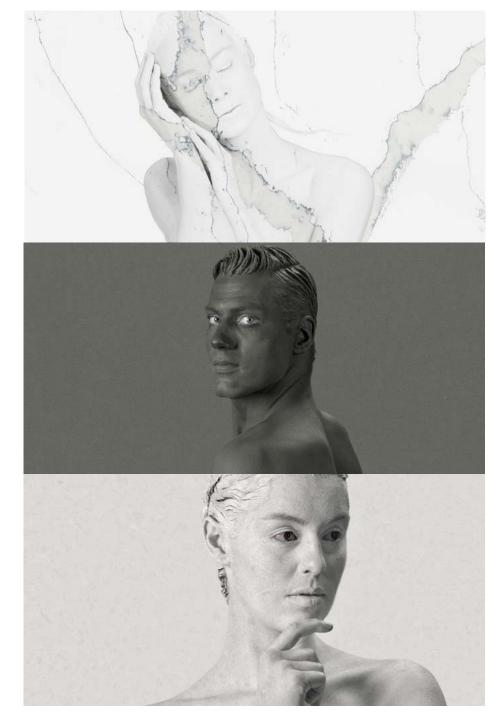
Engineered stone lives life with us – its owners

It takes many forms – in architecture, modern design, timeless home furnishings It comes alive through our perceptions. It reflects the individuality – the character, taste, and values – of its owner

It remembers stories – some of which last for only a moment, others that remain inscribed in our minds forever

Where there is life, there is soul, revealed in the story of Stone With Soul

A touch of living perfection – TechniStone® welcomes visitors to its website and on social media. It speaks to the world with its brochures, billboards, manuals, blog articles, and more.





# Customer Service

For more information on cleaning and maintenance, and for other technical requirements, please contact us via email: <a href="mailto:customerservice@technistone.com">customerservice@technistone.com</a>, Messenger (Live Chat) or the WhatsApp app.

You can use the online forms provided to register your warranty or make a claim.

The list of frequently asked questions and information about warranties and recommended maintenance will help answer general questions. If you haven't found the answer you were looking for, don't hesitate to contact us!







# **TechniStone**®

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